



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/647,677 Confirmation No.: 3291  
Applicant : RAWNICK  
Filed : August 25, 2003  
TC/A.U. : 2821  
Examiner : CAO, Heudung X.  
  
Docket : 7162-0082  
Customer No. : 39207

---

TRANSMITTAL LETTER

---

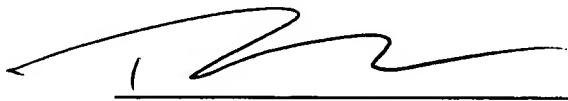
Mail Stop Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find attached for filing:

- ✓ Supplemental Information Disclosure Statement
- ✓ PTOSB08A, SB08B, References
- ✓ Fee: \$180
- ✓ Postcard Receipt
- ✓ Please charge any deficiencies or credit any overpayments to Deposit Acct. No. 50-2884.

5-20-05  
Date

  
Robert J. Sacco  
Registration No. 35,667  
Terry W. Forsythe  
Registration No. 47,569  
SACCO & ASSOCIATES, P.A.  
P.O. Box 30999  
Palm Beach Gardens, FL 33420-0999  
Telephone: 561-626-2222

Certificate Under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 5-20-05 Typed name of person signing this certificate: ROBERT J. SACCO





PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/647,677 Confirmation No.: 3291  
Applicant : RAWNICK  
Filed : August 25, 2003  
TC/A.U. : 2821  
Examiner : CAO, Heudung X.  
  
Docket : 7162-0082  
Customer No. : 39207

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR 1.97**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is being submitted in compliance with 37 CFR 1.97. A list of documents on form SB08A together with a concise explanation or a translation of each non-English language document is enclosed herewith. The fee set forth in §1.17(p) is enclosed herewith. Please charge any deficiencies to Deposit Acct. No. 50-2884.

Respectfully submitted,

Date: 5-20-05

Robert J. Sacco  
Registration No. 35,667  
SACCO & ASSOCIATES, P.A.  
P.O. Box 30999  
Palm Beach Gardens, FL 33420-0999  
Tel: 561-626-2222

05/24/2005 EFDRES 00000024 10647677

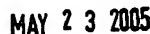
01 FC:1806

180.00 OP

**Certificate Under 37 C.F.R. 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 5-20-05 Typed name of person signing this certificate: ROBERT J. SACCO

{00006151;}



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number	10/647,677
Filing Date	Aug. 25, 2003
First Named Inventor	Rawnick
Art Unit	2821
Examiner Name	CAO, Heudung X.
Attorney Docket Number	7162-0082

Sheet	1	of	3
-------	---	----	---

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 2000307362	11/02/2000	MITSUBISHI ELEC		
		JP 10/190321	07/21/1998	NEC CORP		
		JP 56-123102	09/28/1981	MITSUBISHI ELEC		
		JP 05-211402	08/20/1983	FURUKAWA ELEC		
		JP 07-015218	01/17/1995	FUJI ELEC		
		JP 08-154006	06/11/1996	MURATA MFG		

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

7162-0082

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/647,677
		Filing Date	Aug. 25, 2003
		First Named Inventor	RAWNICK
		Art Unit	2821
		Examiner Name	CAO, Heudung X.
Sheet 3	of 3	Attorney Docket Number	7162-0082

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ITOH, T.; et al: "Metamaterials Structures, Phenomena and Applications" IEEE Transactions on Microwave Theory and Techniques; April, 2005; [Online} Retrieved from the Internet: URL:www.mtt.org/publications/ Transactions/CFP_Metamaterials.pdf>	
		KIZILTAS, G.; et al: "Metamaterial design via the density method" IEEE Antennas and Propagation Society Int'l Symposium 2002, vol. 1, 16 June 2002 pp 748-751, Piscataway	
		SALAHUN, E.; et al: "Ferromagnetic composite-based and magnetically-tunable microwave devices" IEEE MTT-S Microwave Symposium Digest, Vol. 2, 2 Jun 2002 pp1185-1188	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.